Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

TTORNEY'S DOCKET NUMBER

U.S. APPLICATION INTERNATIONAL APPLICATION NO. PCT/EP2004/000559 INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED January 23, 2004 January 24, 2003 TITLE OF INVENTION Method and Devices For Producing Corpuscular Radiation Systems APPLICANT(S) FOR DO/EO/US Hans Wilfried Peter Koops Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. X The US has been elected (Article 31). |X A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 12 L A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

JC17 Rec'd PCT/PTO 22 JUL 2005

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION PCT/EP2	100 100 (ff spew)	sey 37 CF# 1.5)	January 23,		January 24,	
20. Other	items or informati	on:				
The foll	owing fees have b	een submitted			CALCULATIONS	PTO USE ONLY
21. 🌠 Bas	ic national fee (37	CFR 1.492(a))		\$300	\$ 300	
22. XX Exam	nination fee (37 Cl	200				
by IPEA	nion prepared by IS 'US indicates all cl ns	\$	·			
23. XX Sea	rch fee (37 CFR 1.	500				
IPEA/US	nion of the ISA/US indicates all claim					
Search fee (37 C	FR 1.445(a)(2)) ha	\$				
International Sea	ırch Report prepar					
	y communicated to					
	TOTAL OF 21, 22	1000				
□ sequenc	e for specification e listing in complia c medium) (37 CF					
The fee i	s \$250 for each ad	ditional 50 sheets	of paper or fraction thereof.			
Total Sheets	Extra Sheets		additional 50 or fraction up to a whole number)	RATE		
- 100 =	/50 =	x\$		x \$250	\$	·
	30.00 for furnishing commencement of	\$				
CLAIMS NUME		ER FILED NUMBER EXTRA		RATE	\$	
Total claims		- 20 =	- 20 =		\$	
Independent claims - 3 =		- 3 =		× \$200	\$	
MULTIPLE DEPI	ENDENT CLAIM(S	\$				
		\$				
Applicant cla	aims small entity st					
- 		\$	1			
	f \$130.00 for furni: late (37 CFR 1.492	\$				
		\$ 1000				
	the enclosed ass e cover sheet (37 (\$				
	-	\$ 1000				
					Amount to be refunded:	\$
	•				Amount to be charged	\$

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	Under the Paperwork Reduction Act of 1995, no persons	are required to respond to a coll		COPCT/PTO	2 2 1111	2005				
a. XX	A check in the amount of \$1000	to cover the above fees i		0101110	~ ~ ~ · · ·	. Luuj				
b. 🗀	Please charge my Deposit Account No. A duplicate copy of this sheet is enclosed.	in the amount of \$	to cover the	above fees.						
c. XX	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23 – 30 6.04 duplicate copy of this sheet is enclosed.									
d. 🗆	Fees are to be charged to a credit card. WARNING : Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
	Where an appropriate time limit under 37 CFR 1.49 nted to restore the International Application to per		ion to revive (37 CF	R 1.137(a) or (b)) mu	st be filed					
Keni Wood 9213 Kirt 440-	neth L. Mitchell, 36873 dling, Krost and Rust 3 Chillicothe Road tland, Ohio 44094 -256-4150 phone -256-7453 fax	30	SIGNATURE		<u></u>					